

Product Specifications For CS7



Weights

Operating Weight - With Cab	7383 kg
Weight - Drum with ROPS/FOPS Canopy	3420 kg
Operating Weight - With ROPS/FOPS Canopy	7179 kg
Weight - Drum with Cab	3490 kg

Operating Specifications

Compaction Width	1676.4 mm
Static Linear Load - With Cab	20.7 kg/cm
Curb Clearance	369 mm
Drum Width	1676.4 mm
Turning Radius - Inside Drum Edge	3.1 m
Ground Clearance	391 mm
Travel Speed - Maximum	11 km/h
Static Linear Load - With ROPS/FOPS	20.3 kg/cm

Engine

Gross Power	74.4 kW
Stroke	120 mm
Net Power - ISO 9249	69.1 kW
Net Power - SAE J1349:2011	68.4 kW

Bore	98 mm
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Engine Model	Cat C3.6
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Dimensions

Overall Width	1.8 m
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Wheel Base	2.6 m
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Overall Width - With Blade Option	2.1 m
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Drum Diameter	1221 mm
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Overall Length	5.1 m
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Overall Length - With Blade Option	5.6 m
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Drum Width	1676.4 mm
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Maximum Height	9.4 m
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Vibratory System

Variable Frequency Option Range	23.3-31.9 Hz (<u>1400-1914</u> vpm)
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Vibratory Frequency - Standard	31.9 Hz
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Centrifugal Force - Minimum	67 kN
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Nominal Amplitude - High	1.67 mm
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Nominal Amplitude - Low	0.84 mm
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Centrifugal Force - Maximum	133.4 kN
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Service Refill Capacities

Fuel Tank Capacity	140 l
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CS7 Standard Equipment

OPERATOR ENVIRONMENT

ROPS/FOPS Canopy with Handrails, Floor Mat, Internal Rear View Mirror, Exterior Rear View Mirrors
Vinyl Adjustable Seat with Integrated Console and LCD Display with Lockable Vandalism Guard
Adjustable Tilting Steering Column with Integrated Cup Holders
Rear Vision Camera System
Seat Belt
12-volt Power Outlet
Horn, Backup Alarm

VIBRATORY SYSTEM

Smooth Drum
Dual Amplitude, Single Frequency
Pod-Style Eccentric Weight Housings
Auto-vibe Function
Front Adjustable Steel Scraper
Universal Bumper

POWER TRAIN

Cat C3.4B Engine
Air Cleaner, Dual Element
Two-Speed Throttle Switch, Eco-mode and Automatic Speed Control
Dual Propel Pumps; One for Drum Drive, One for Rear Axle
Fuel Filter, Water Separator, Priming Pump, Water Indicator
Tilting Radiator/Hydraulic Oil Cooler
Dual Braking System
Two-speed Hydrostatic Transmission

ELECTRICAL

12 volt Electrical System
150 ampere Alternator
60 Cold-cranking Amps Battery Capacity

OTHER

Product Link™
Sight Gauges for Hydraulic Oil Level and Radiator Coolant Level
S-O-SSM Sampling Valves: Engine Oil, Hydraulic Oil and Coolant

CS7 Optional Equipment

OPERATOR ENVIRONMENT

ROPS/FOPS Cab with Climate Control
Sun Visor

VIBRATORY SYSTEM

Padfoot Shell Kit (oval or square pads available)

Leveling Blade

Variable Frequency

Dual Adjustable Steel Scrapers

Scraper Shell Kit Ready

Recording Module for Vibration Frequency

POWER TRAIN

Transmission Guard

Bio-oil Factory Fill

TECHNOLOGY SOLUTIONS

Measure - Compaction Meter Value (CMV)

Map - SBAS GNSS Mapping

Connect - Cloud and Machine Connectivity

OTHER

Upgraded Halogen Light Package

Rotating Beacon